

**AMERICAN AVK MANUAL BEVEL GEARING**  
**FOR SERIES 25/45/55/65 GATE VALVES**  
 To AWWA C515/C509 (NRS) - Valve Sizes 3" - 30"

**753/X**  
**BEVEL GEARING**

| <b>Bevel Gear Operator:</b>   | Size* | C-C   | X    | Y     | Z     | Gear Turns To Open | Ratio | Handwheel Diameter |
|---|-------|-------|------|-------|-------|--------------------|-------|--------------------|
| Gearing input shaft - Stainless steel                                 | 3"    | 12.6" | 9.0" | 12.0" | 16.6" | 26                 | 2:1   | 8"                 |
| Contact American AVK for different gear ratios or electric actuators. | 4"    | 14.0" | 9.0" | 12.0" | 18.0" | 28                 | 2:1   | 8"                 |
|   | 6"    | 17.8" | 9.0" | 12.0" | 23.8" | 42                 | 2:1   | 12"                |
|   | 8"    | 21.6" | 9.0" | 12.0" | 27.6" | 52                 | 2:1   | 12"                |
| Handwheel or AWWA operating nut, available upon request.              | 10"   | 24.9" | 9.0" | 12.0" | 32.9" | 128                | 4:1   | 16"                |
|   | 12"   | 28.0" | 9.0" | 12.0" | 36.0" | 152                | 4:1   | 16"                |
|   | 14"   | 34.0" | 9.0" | 12.0" | 42.0" | 176                | 4:1   | 16"                |
|   | 16"   | 34.0" | 9.0" | 12.0" | 42.0" | 204                | 4:1   | 16"                |
|   | 18"   | 46.0" | 9.9" | 13.9" | 58.0" | 252                | 6:1   | 24"                |
|   | 20"   | 46.0" | 9.9" | 13.9" | 58.0" | 252                | 6:1   | 24"                |
|   | 24"   | 53.0" | 9.9" | 18.5" | 65.0" | 306                | 6:1   | 24"                |
|   | 30"   | 67.4" | 9.9" | 18.5" | 79.4" | 420                | 6:1   | 24"                |

